

MINUTES OF REGULAR MEETING Jan. 2, 1939.

In the absence of Pres. Ward the meeting was called to order by the Vice President Mr. Wollaeger.

The roll was called by the Secretary.

Minutes of previous meeting was read and approved.

Mr. Kurth submitted the names of M.C. Zeille, E. Martina and Bob Mueller for membership, who were duly admitted.

In his report on Business Mr. Seibel told about 9DTK's attempt at phone on 85 meters.

Mr. Crapo read extracts from a bulletin from headquarters telling about Army transmitting experiments from airplanes, which is to take place from Jan 8 to 17th. This broadcast is to be sent on 32 meters and all amateurs are urged to do their best in the reception and reporting of same.

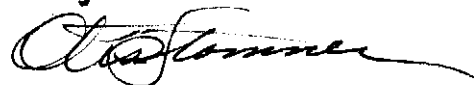
Mr. Catel in his report is still looking for talent for the QSO party and also suggested that an attempt be made to renew the old time initiations.

Mr. Reiss gave a discussion on the Pilot Super Wasp which he had on display and also on the three tube receiver also on display.

Mr. Tocholski reported on some experiments he had been making in the 10 meter band.

There being no further business the meeting was adjourned.

Respectfully submitted.



Secretary.

Treasurers report.

Cash on hand Jan. 2 -----	\$ 50.55
Receipts -----	7.25

Disbursements -----	<u>6.15</u>
Balance on hand Dec. 9 ---	\$51.65

Respectfully submitted.



Treasurer.

MINUTES OF REGULAR MEETING JAN. 9, 1930.

The meeting was called to order by the Vice President Mr. Wollaeger.

The roll was called by the Secretary.

Minutes of previous meeting was read and approved.

Owing to the small attendance the meeting was thrown open to general discussion and a general rag chew was indulged in by all.

A motion to adjourn was lost.

A motion was made and seconded that the Secretary write to the ARRL and find out if a cut rate can be had on the purchase of ARRL emblems in dozen lots. Motion carried.

There being no further business the meeting was adjourned.

Respectfully submitted

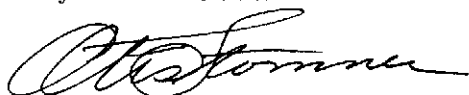


Secretary.

Treasurers report.

Cash on hand Jan 9. -----	\$51.65
receipts -----	4.30
Disbursements -----	<u>6.70</u>
Cash on hand Jan. 16 -----	\$49.25

Respectfully submitted



Treasurer.

## MINUTES OF REGULAR MEETING JAN. 16, 1930.

Meeting called to order by the Pres. Mr. Ward.

The roll was called by the secretary.

The minutes of previous meeting were read and approved.

Mr. Crapo not present when called on for a report.

Mr. Seibel reported on a case of amateur interference on Lincoln avenue, and also reported on the mishap to his new phone transmitter.

Mr. Wollaeger reported on a transmitter for the 160 meter ham chatter band and also gave some very interesting dope on blocking condensers, variable shocks and resistance control of regeneration.

Mr. Catel had nothing concrete in the way of entertainment but spoke generally on the subject of the coming QSO party.

Mr. Angus well known to all of us was present as a visitor and gave a very interesting talk on the manner used by the Naval reserve unit of Indiana in procuring a transmitter from the State and also gave a discription of same. He also gave some very interesting dope on some Standards fixed by the Indianapolis Amateur Radio Club regarding standard receivers and power supply units. In connection with this talk the Secretary was advised to write to said Radio Club and procure copies of these standards.

Mr. Reiss read a letter from the California Radio Club regarding a pamphlet issued by them.

Mr. Ward advised that Mr. Bailey of the Electric Company would be the speaker for the next meeting Jan. 23.

There being no further business the meeting was adjourned.

Respectfully submitted.



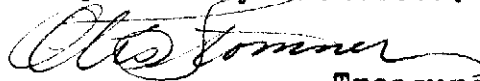
Secretary.

### Treasurers report.

Bal. on hand Jan. 16 -----	\$49.65
Receipts -----	8.40

Bal on hand Jan. 23, 1930 - \$57.65

Respectfully submitted.



Treasurer.

MINUTES OF REGULAR MEETING JAN. 23, 1930.

Meeting was called to order by the President Mr. Ward.

The roll was called by the secretary.

The minutes of the previous meeting were read and approved.

Mr. Kurth had no report.

Mr. Crapo had no report.

Mr. Seibel had no report.

Mr. Tocholski gave a report on using a 20 meter Zepp on 20 - 40 and 80 meters.

Mr. Catel gave a report on the modified Colpits circuit, and the question of the QSO Party was brought up. It was decided to charge \$1.50 for tickets and the entertainment to be paid for out of the regular club treasury.

Mr. Ward then brought up the question of the disposal of the screen grid tube which was donated to the club to be used as a prize. After much discussion it was decided to hold a contest in which the tube is to go to the Amateur whose station is best in general design and construction taking into consideration the location and financial means of the builder. A motion to that effect was duly seconded and passed.

The committee of judges in the contest is to be announced by the President at the next meeting.

The President announced that John H.F. Douglas, of Marquette University would be the speaker for the meeting Jan. 30, and the secretary was notified to send out cards for same.

There being no further business the meeting was adjourned.

Respectfully submitted,

*W. Stommer*

Secretary.

Treasurers report.

Bal on hand Jan 23, 1930 ----- \$57.65

Receipts ----- 3.60

Disbursements ----- .50

Cash on hand Jan 30, 1930 ----- \$60.70

Respectfully submitted.

*W. Stommer*

Treasurer.

## MINUTES OF REGULAR MEETING Jan. 30, 1930.

Meeting was called to order by the Pres. Mr. Ward.

The roll was called by the Secretary.

The minutes of the previous meeting were read and approved.

Mr. Kurth had no report on applications.

Mr. Seibel had no report on Business.

Mr. Catel reported on menus of ~~the~~ <sup>Hotels</sup> different places for the purpose of selecting one for the coming QSO Party. He also reported on a Question concerning the enlistment of the amateurs in an emergency net to assist the Associated Press. This was quite enthusiastically received by the members of the club.

Mr. Douglass of the Marquette University gave a very interesting talk on the subject of transformers.

There being no further business the meeting was adjourned.

Respectfully submitted.

  
Secretary.

## Treasurers report.

Cash on hand Jan. 30, 1930 -----	\$60.70
Receipts Jan 30 -----	<u>3.75</u>
Balance on hand Feb. 6, 1930 -----	\$64.45

Respectfully submitted.

  
Treasurer.

## MINUTES OF REGULAR MEETING Feb. 6, 1930.

Meeting called to order by the Pres. Mr. Ward.

The roll was called by the Secretary.

The minute of previous meeting were read and approved.

Mr. Kurth submitted the Name of James E. Reed for associate membership who was duly admitted to the club.

Mr. Seibel read a short article taken from the United States Daily regarding an attempt to get channels for amateurs.

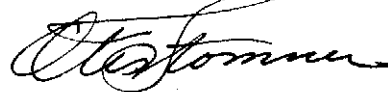
Mr. Barnes gave a report on short wave transmission and reception in use by the Detroit Police Dep't. He also gave some remarks on a tube which has come into prominence of late which has been used quite a bit in England. The main difference between this tube and the ones being used here being a screen around the filament.

Mr. Catel read a letter from Mr. Angus stating that he had decided to run for the office of Director and his wish for an endorsement from the Club. In connection with this endorsement a motion was made and seconded that the Milwaukee Radio Amateurs Club go on record as endorsing Mr. Angus for the position. Motion was carried unanimously. Secretary was instructed to write out the endorsement and send same to the President for his signature who in turn would send same to Mr. Angus. Mr. Catel also reported that the Entertainment Committee had decided to hold the QSO Party at the Pfister Hotel, and the Club room was selected as the place. The question of ~~xxxxxx~~ prizes for the QSO party was brought up and a motion was made that the Club transmitter be dissembled and the parts thereof be used as prizes at the QSO Party. Motion was carried.

Mr. Jasperson W9LU was a visitor and gave a few remarks as to his laying off the ham game for sometime and the fever of starting up once more.

There being no further business the meeting was adjourned.

Respectfully submitted.



Secretary.

#### Treasurers report.

Bal on hand Feb. 6,	-----	\$64.45
Receipts	-----	6.45
Disbursements	-----	2.50
Cash on hand Feb. 13	-----	\$68.40

Respectfully submitted



Treasurer.

THE MILWAUKEE RADIO AMATEURS CLUB Inc.  
MINUTES OF REGULAR MEETING Feb. 13, 1930.

Meeting called to order by the Pres. Mr. Ward.

The Roll was called by the Secretary.

Minutes of previous meeting were read and approved.

Mr. Kurth had no report on membership.

Mr. Crapo had no traffic report, but discussed a letter he had received from Headquarters regarding Amateurs operating off wave. From this letter it was gathered that off wave operation among amateurs is getting to be quite bad and all amateurs are asked to do all they can to get those off wave back into the band. Mr. Crapo also asked for volunteers to act as Official Observers in the Amateur bands to check on off wave operation.

Mr. Barnes gave a talk on the effect of steel towers on the operation of antennae as regards their fundamental frequency. He also brought up the question of where is Ham Chatter. His opening this subject seemed to get results as we notice there was quite a lot of Ham Chatter in the Journal Last Sunday.

Mr. Seibel had nothing to report on Business only to wonder why there was a Business Manager. Seems as if there is not much doing in the Business Manager line these days.

Mr. Catel on Entertainment reported there would be no chance of a speaker from Headquarters at the coming QSO Party, owing to too much business there and also the demand for many speakers for District Conventions.

Mr. Catel also made a motion that the Motion of last meeting regarding the disposal of parts of the club transmitter be changed or amended to read, to be given as prizes at meetings instead of at the QSO party on account of some of the parts not being of such standard that they could be considered as real prizes in case visitors attended the party. Motion was seconded and carried. He also read a list of parts from the transmitter as was asked at the previous meeting.

A motion was made and seconded that any Club member who had donated parts for the Club transmitter have the privilege of reclaiming same. Motion was carried.

Mr. Ward read a personal letter from the Radio Inspector in which he had been asked to observe silent hours on account of alleged interference, but owing to the fact that he had not been using his transmitter it seems that some one had made a mistake.

Mr. Kroner, Mr. Kurth and Mr. Crapo were named by the President as a Committee to arrange the contest for the disposal of the tube donated the club by Mr. Wareing.

There being no further business the meeting was adjourned.

Respectfully submitted.



Secretary

Treasurers report.

Balance on hand Feb. 13 -----	\$68.40
Receipts -----	1.00
Disbursements -----	6.70
Cash on hand Feb. 20, -----	\$62.70

Respectfully submitted



Treasurer.

## MINUTES OF REGULAR MEETING HELD FEB. 20, 1930.

The meeting was called to order by the President Mr. Ward.

The roll was called by the secretary.

The minutes of previous meeting were read and approved.

Mr. Catel read a letter from My. Bingham relative to the coming QSO Party. He also advised that The Thordarson Company had sent a transformer to be used as a prize for the QSO Party. In connection with this gift a motion was made and seconded that the Secretary write a letter of thanks to said company in appreciation of the gift.

Mr. Crapo submitted rules for Contest found on next sheet.

Mr. Seibel had no report on Business.

Mr. Wollaeger gave an illustrated talk on the use of various condensers as used in transmitters.

Mr. Reed asked information on the question of which was the most efficient of two oscillatory circuits which he described.

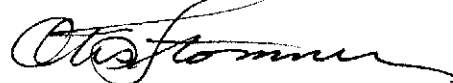
Mr. Barnes read an article on Amateurs attempts to keep their wave bands as they now have them. He also gave us some dope on the newer attempts at screening elements inside the present day vacuum tubes.

Mr. Kurth submitted the name of James P. Reed for membership who was duly admitted.

Drawing for a Rectobulb as an attendance prize was conducted and ticket No. 2, held by Don Seibel was the winner.

There being no further business the meeting was adjourned.

Respectfully submitted.



Secretary.

#### Treasurers report.

Cash on hand Feb 20 -----	\$62.70
Receipts -----	4.75
Disbursements -----	11.25
Bal on hand Feb 27. -----	\$56.20

Respectfully submitted.



Treasurer.



February 20, 1930.

M.R.A.C. EFFICIENCY CONTEST.

Purpose: To promote the building of modern transmitters, receivers and other apparatus used in the modern amateur radio station.

To increase the attendance at the meetings and bring in new members.

To help increase the Club's Publicity.

Prize: A special Transmitting Tube donated by Herbert F. Wareing.

Rules: 1. All members in good standing will be allowed to enter this contest.

2. Any piece of apparatus ordinarily used in an Amateur radio station which has been manufactured or assembled by a member of the Club may be entered in this contest. The member must have the apparatus on display at the Club and must deliver a talk on the manufacture and operation of the apparatus. Complete diagrams and photographs (if possible) should be furnished the Chairman for Publicity purposes.

3. Names of entrants must be filed with the Chairman of the Club at least two weeks in advance of the date of the talk.

Awarding of prize A special night will be chosen by the members of the Club which will be known as "Prize Award Night" (probably around the first of June). On this night each member who has given a talk will bring his piece of apparatus to the club and a vote will be taken by ballott, each member voting for the man he thinks should be awarded the prize.

Points to consider Efficiency.  
Originality of design.  
Workmanship.  
Completeness of description.

Signed by the committee.

C.N.Crapo  
A.C. Krones.  
H.H.Kurth.

THE MILWAUKEE RADIO AMATEURS CLUB Inc.

MINUTES OF REGULAR MEETING HELD FEB. 27, 1930.

Meeting was called to order by the President Mr. Ward.

The Roll was called by the Secretary.

The minutes of previous meeting were read and approved.

Mr. Kurth submitted the name of Mrs. ReSada Reed for membership, who was duly admitted.

Mr. Crapo on traffic reported a total of 925 messages of which W9EVO led with a total of 218. He also suggested that the rules of the efficiency contest be voted on by the club members, inasmuch as such rules submitted by the committee were only submitted as a recommendation for this contest.

A motion was made and seconded that the rules of the contest as submitted by the committee be adopted by the club. Carried.

A motion was also made that Mr. Crapo use the club mimeograph machine to make copies of said rules so each member of the club could procure a copy. Carried.

Mr. Barnes read a letter from W9BYU of Kenosha relative to their organization in Kenosha. He also read a letter from the R.I. relative to operation of two Amateur stations in Milwaukee without license. The subject of Ham Chatter was also brought up by Mr. Barnes and a suggestion was made that all members of the club call the Journal by phone and ask why Ham Chatter is being so curtailed.

Mr. Catel gave more dope on the coming QSO Party and also read a letter from the R.I. which declared his intention of being present and also stated that an examination would be held on that date. He also told of his efforts to get more prizes for the QSO Party.

Mr. Clinton, an old timer gave a few remarks relative to his efforts as a Ham in the very early days.

Mr. Catel related the troubles encountered when he attempted to build a transmitter using a piece of painted wood for a panel.

The attendance prize for the evening was an Acme Choke of 3 henrys which was won by Mr. Ward with ticket No. 1.

There being no further business the meeting was adjourned.

Respectfully submitted,



Secretary.

Treasurers report.

Bal on hand Feb. 27 -----	\$56.20
Receipts -----	16.60
Disbursements -----	18.40
Cash on hand March 6 -----	\$54.40.

Respectfully submitted,



Treasurer.

## MINUTES OF REGULAR MEETING HELD MAR. 6, 1930.

Meeting called to order by the Vice Pres. Mr. Wollaeger.

The roll was called by the Secretary.

Minutes of previous meeting were read and approved.

Mr. Kanth had no report on membership.

Mr. Crapo had no report on traffic.

Mr. Seibel reported on a case of amateur interference to BCLs in South Milwaukee. In the absence of Mr. Catel? Mr. Seibel also reported on the progress of the entertainment committee and advised that six or more good prizes had been donated for the QSO party. He also advised that Mr. Hoffman from the Burgess Laboratories would speak. The attendance prize for this meeting was not in evidence owing to the absence of Mr. Catel, but we were advised by Mr Seibel that it had been selected and consisted of one filter condensor which would be brought to the next meeting.

Mr. Barnes advised that he had paid a visit to the Federal Railway Institute and that they had promised a prize for the party. He also reported on the clock used in the transmission of time signals, as well as a few remarks relative to the method used by the United States Embassy in England in radio and cable communication with the officers in the United States.

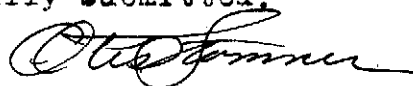
Mr. Crapo reported on a modification of the condenser used in the New Burgess tuned radio receiver.

Mr. Wollaeger reported on a small 160 meter transmitter which he had on display.

In the attendance prize drawing, Mr. Kurth won the filter condenser with ticket number 5.

There being no further business the meeting was adjourned.

Respectfully submitted,

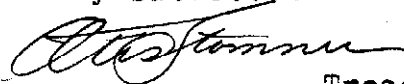


Secretary.

#### Treasurers report.

Balance on hand Mar 6 -----	\$54.40
Receipts Mar. 6 -----	4.25
Disbursements -----	2.50
Cash on hand March 13 -----	\$56.15

Respectfully submitted



Treasurer.

THE MILWAUKEE RADIO AMATEURS CLUB Inc.

MINUTES OF REGULAR MEETING HELD MARCH 13, 1930.

The meeting was called to order by the President Mr. Ward.

The roll was called by the Secretary.

The minutes of the previous meeting were read and approved.

Mr. Kurth submitted the name of Fred Gettleman (who was duly admitted to membership in the club.

Mr. Crapo had no report on traffic.

Mr. Barnes gave a few remarks on examinations for amateurs. He also advised of another conference which is to take place in Washington regarding the Amateur short wave channels to which the officers of the ARRL have been invited to attend.

Mr. Catel read a letter from Mr. Hoffman which gave us the good news that another good prize would be donated for the party. He also gave some more remarks concerning the QSO Party. Later he gave quite a lengthy discussion on his efforts in using a crystal control on his transmitter and some of the peculiar happenings attached to said efforts. Seems as if Fred and Don get all the peculiar points out of a transmitter that can possibly be gotten out of them.

Mr. Seibel read a letter from Mr. Baird who is now located at Alhambra, Cal.

Mr. Wollaege acting as Technical Chairman explained the working theory of the Multivibrator, otherwise known as a Frequency multiplier, which is used also as a means of measuring frequency.

Mr. Jaspersen remarked on the phone transmission of W9AUV at FondDulac and gave a description of what he found when he went there to investigate what was giving out such fine quality of modulation.

Mr. Phillipson W9CRG gave a few remarks on phone transmission.

Mr. Reed also remarked on his attempts at phone transmission.

Mr. Catel advised that W9ESF had been heard on the air the past week, which was quite a surprise to most of us.

The attendance prize for the evening was a 36 henry Choke which was won by Mr. Jaspersen with ticket No. 40.

There being no further business the meeting was adjourned.

Respectfully submitted,

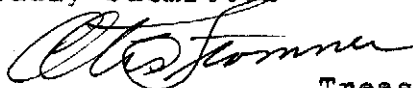


Secretary

Treasurers report.

Bal on hand March 13	-----	\$56.15
Receipts " 13	-----	13.75
Disbursements	-----	5.00
Cash on hand March 20	-----	\$64.90

Respectfully submitted



Treasurer.

THE MILWAUKEE RADIO AMATEURS CLUB INC.

MINUTES OF REGULAR MEETING HELD MARCH 20, 1930.

m Meeting was called to order by the Pres. Mr. Ward.

Mr. Crapo had no report on traffic other than to remind the boys that this was the last day for reports.

Mr. Barnes exhibited a Vibroplex which he had received from the Federal Railway and Telegraph Institute to be given as a prize for the QSO Party.

Mr. Catel read a letter from Mr. Hoffman stating his dissapointment at not being able to attend the QSO Party in that he had been called East on a very important mission. He also gave more dope on the final arrangements for the QSO Party.

m Mr. Reiss gave a very interesting report on Transmission Units.

Mr. Catel gave us some more remarks on his attempts at crystal control and was glad to state that he had mastered the problems connected therewith and had his crystal oscillator working very nicely at the present time. Thanks to the new hand book.

Mr. Snead, an old timer also was in attendance and once more became a member in good standing. He gave us a few remarks regarding apparatus which he is using to test the dielectric strength of different insulators.

The mercury vapor rectobulb which was given as the attendance prize was won by our Vice President Mr. Wollaeger with ticket no 48.

There being no further business the meeting was adjourned.

Respectfully yours,



Secretary.

The treasurers report is withheld until final returns of the QSO Party are received by the Treasurer.  
Available cash in the treasury on this date is \$59.80.

THE MILWAUKEE RADIO AMATEURS CLUB INC.

MINUTES OF REGULAR MEETING HELD MARCH 22, 1930.

Meeting was called to order by the President Mr Ward.

The roll was called by the Secretary.

The minutes of the previous meeting were read and approved.

Mr. Catel gave a few remarks regarding the Qso Party which was held Sat. March 22. The great attendance of the hams from out of town was the big event of the evening. Whereas reservations for 100 had been made the count for the actual number present was 180. A general discussion of the party by the members present showed that it was a great success and it seems everyone had a very good time. Mr Catel also read a letter from Mr. Loeb an out of town amateur commenting on the party, which was a very good recommendation for the Milwaukee Club.

Mr. Barnes gave us a few remarks regarding Mr. Turner's quest on the South Side in tracing a case of interference. He also gave a few sidelights regarding the Ham Examination Saturday at the Federal Building.

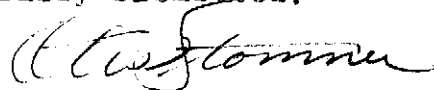
Mr. Reiss gave quite a lengthy report on the effect of electrical shock, rats being the subject of the experiments. Although it seemed as Mr. Reiss report was not as interesting to some of the members, nevertheless it brought out many good points which might be taken seriously by the amateurs who use high power transmitters.

Mr. Catel reminder the Members ~~that~~ to be sure and send in their ballots for Mr. Angus.

The attendance prize for the evening was a plate transformer which was won by Mr. Wallace, with number 80.

There being no further business the meeting was adjourned.

Respectfully submitted.



Secretary.

Treasurers report.

Cash on hand March 20 -----	\$72.81
Receipts QSO Party -----	301.55
Disbursements -----	325.85
Cash on hand Apr. 3--	<u>\$48.21</u>

Respectfully submitted



Treasurer.

## MINUTES OF REGULAR MEETING HELD APRIL 3, 1930.

Meeting was called to order by the Pres. Mr. Ward.

The roll was called by the Secretary.

The Minutes of the previous meeting were read and approved.

Mr. Kurth had no report on membership.

Mr. Crapo reported there was not much in the line of traffic, there being a total of only some 400 messages for the month.

Mr. Barnes reported that he had not as yet gotten enough dope on the four electrode tube to warrant a good report on same. He also mentioned the fact that the Radio Editor of the Journal had resigned and spoke of his efforts in getting in good with the new editor so he will take care of the Ham Chatter Column.

Mr. Wollaeger begun a very interesting report on the subject of space charge action in screen grid tubes, but owing to a very bad cold he was obliged to discontinue same. We hope to hear more on this subject at a future meeting as it was very interesting.

Mr. Catel gave a report on the wrinkle he uses to shift frequencies on his crystal controll transmitter. It was understood that this apparatus is to be entered in the Club Prize Contest.

Mr. Ward read a letter relating to a case of amateur interference on the South Side, which seems to have been cleared up at the present time. We understand this is the case that was investigated by Mr. Turner some time ago.

The Secretary was authorized to order one dozen of the new call books, and also to send for more conversion charts.

There being quite a lot of time remaining, the President conducted a school class in radio theory.

The attendance prize for the evening not being in evidence Mr. Catel advised that it would be a Radiostadt, and same was won by Mr. Zander with number 105. Prize is to be brought next meeting.

There being no further business the meeting was adjourned.

Respectfully submitted.



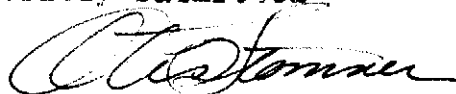
Secretary.

Treasurers report.

Bal on hand April 3 -----	\$48.21
Receipts -----	4.20
Disbursements -----	<u>1.00</u>

Cash on hand April 10 ----- \$51.41

Respectfully submitted



Treasurer.

The Milwaukee Radio Amateurs Club, Inc.

Minutes of regular meeting held April 10, 1930.

The meeting was called to order by the Pres. Mr. Ward.

The roll was called by the Secretary.

The minutes of the previous meeting were read and approved.

Mr. Kurth on membership was absent when called on for a report.

Mr. Crapo had no report on traffic.

Mr. Branes read an article from the U.S. Daily regarding the new regulations arrived at during the recent conflag at Washington.

Mr. Catel suggested that a copy of these regulations be placed with the minutes of the meeting.

Mr. Barnes also gave some remarks on the Government Standard Frequency stations now being installed in different parts of the country.

Mr. Reiss explained a circuit of his own invention regarding the use of a screen grid tube in conjunction with another of the 201 A type used as a combination of radio frequency amplifier and detector. The principle used being in balancing the impedance of the screen grid tube, and the elimination of one tuning control. Mr. Reiss also gave us a new wrinkle in the construction of a transmitter.

Mr. Crapo gave us some dope on the experience he had in interchangeing the grids of a screen grid tube.

The attendance prize for the evening was a filament transformer which was won by Mr. Kurth with number 129.

There being no further business the meeting was adjourned.

Respectfully submitted,




Secretary.

Treasurers report.

Cash on hand April 10 -----	\$52.41
Receipts -----	2.20
Disbursements -----	8.55
Balance on hand April 17 -----	<u>\$46.06</u>

Respectfully submitted,



Treasurer.



MINUTES OF REGULAR MEETING HELD APRIL 17, 1930.

Meeting was called to order by the President Mr. Ward.

The roll was called by the Secretary.

The minutes of previous meeting were read and approved.

Mr. Kurth submitted the name of Wm. Schneider for membership, who was duly admitted.

Mr. Crapo had no report on traffic only to say he wished that some of the boys would send in some reports, as business in that line was very poor.

Mr. Seibel had no report on business.

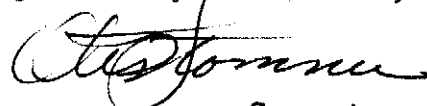
m Mr. Barnes had no report, regarding papers and publications.

Mr. Wollaefer gave the balance of his report on the action of the pentode tube, which he begun at a previous meeting. He also gave a report on the screen grid detector as shown in the later issues of QST. His report was most interesting and instructive.

Mr. Gettleman won the attendance prize, a transmitter inductance with number 185.

There being no further business, the meeting was adjourned.

Respectfully submitted,



Secretary.

Treasurers report.

Cash on hand April 17 -----	\$46.06
Receipts -----	6.30
Disbursements -----	3.50
Balance on hand April 24 -----	<u>\$48.86</u>

Respectfully submitted.



Treasurer.

THE MILWAUKEE RADIO AMATEURS CLUB Inc.

MINUTES OF PREVIOUS MEETING HELD APRIL 24, 1930.

Meeting was called to order by the Vice Pres. Mr. Wollaeger.

The roll was called by the Secretary.

The minutes of the previous meeting were read and approved.

Mr. Kurth had no report.

Mr. Crapo reported 221 messages for the month, with W9EBO leading the list.

Mr. Seibel had no report on business.

Mr. Catel advised that Mr. Angus had been elected Director by a very large majority. He also brought on a discussion on the attempt by the amateurs using phone to get more space in the 80 meter band.

Mr. Reiss gave a report on modulating carrier waves so as to narrow the channel being used. His description being the suppression of the carrier.

Mr. Crapo offered the following resolution which was voted and passed by the club.

RESOLVED, that the Central Division Director of the American Radio Relay League, Inc. be advised of the opinion of the Membership of the Milwaukee Radio Amateurs Club, Inc. regarding the 3500 K.C. Radiophone situation.

First:

It is the opinion of the membership of the Club that the radiophone band should extend from 3950 to 4000 K.C. to allow the use of frequencies between 3500 and 3550 K.C. to ~~allow~~ be used by CW transmitters using crystal control.

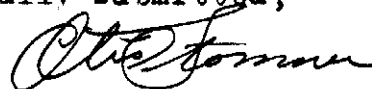
Second :

<sup>To</sup> Due to the small number of Phone stations as compared with CW stations, and because of the greater importance of CW as compared to radiophone for emergency communication; it is recommended that the radiophone band be restricted to the present 50 Kc in width.

The attendance prize, a variable condensor was won by Mr, ~~Martina~~ with number 144.

There being no further business the meeting was adjourned.

Respectfully submitted,



Secretary.

Treasurers report.

Cash on hand April 24 -----	\$48.86
Receipts -----	4.80
Disbursements -----	None
Balance on hand -----	\$53.66

Respectfully submitted,



Treasurer.

THE MILWAUKEE RADIO AMATEURS CLUB INC.

MINUTES OF REGULAR MEETING HELD MAY 1, 1930.

The meeting was called to order by the Pres. Mr. Ward.

Mr. Kurth had no report on membership.

Mr. Seibel had no report on business.

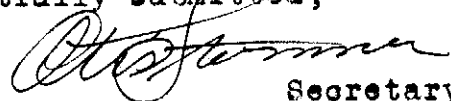
Mr. Crapo had no report on traffic.

Mr. Wollaeger gave a very interesting report on the different kinds of Pentode tubes now appearing on the market. He also gave a report on the different applications of the Vacuum tube in making electrical measurements.

Mr. Reiss reported that there would be no open dates for the showing of the Telephone Movies this month. After some discussion it was decided that this matter be laid over until a future meeting preferably in the fall of the year, on account of the dropping off of attendance during the summer months.

There being no further business the meeting was adjourned.

Respectfully submitted,

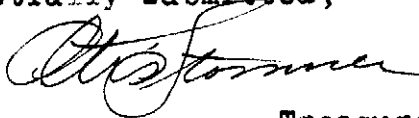


Secretary.

Treasurers Report.

Balance on hand May 1	-----	\$53.66
Receipts May 1	-----	5.10
Disbursements None	-----	None
Cash on hand May 8	-----	<u>\$58.76.</u>

Respectfully submitted,



Treasurer.

Minutes Of The Regular Meeting Of May, 8, 1930.

The meeting was called to order by President Ward.

The Business Manager reported.

Mr. Seibel reported that Dr. Barrett complained that the Trustees Room has been left in a very disorderly condition after the Club meeting and that if this condition is not remedied that the Club will have to find a new meeting place. It was reported that an arm was broken off of one of the chairs and that the floors were always left in a very dirty condition.

Mr. Crapo had no traffic report.

There was a general discussion of the operation of screen grid receivers.

There being no further business the meeting was adjourned.

Respectfully Submitted

C.N. Crapo

Acting Secretary.

MINUTES OF REGULAR MEETING HELD MAY 13, 1930

Meeting called to order by the President Mr. Ward.

The roll was called by the secretary.

The minutes of meetings held May 1, and May 8 were read and approved. Mr. Crapo acted as secretary for the May 8 meeting in the absence of the regular secretary.

Mr. Kurth had no report on membership.

Mr. Catel reported that all the parts of the transmitter had been disposed of as prizes and there remained only the receiver. It was decided that the receiver be disposed of all in one piece as an attendance prize for some meeting during the latter part of the current year. Mr Catel also reported that he had spoken with Mr. Hasslinger and it was decided that the Club Picnic would be held there on August 16, 1930.

Mr. Wollaeger had no report to make.

Mr. Crapo had his receiver on display and gave a report on the mechanical construction of same as well as on the efficiency of same in reception of signals on all the Amateur bands. It was a very neat piece of apparatus and one well worth having for any ham.

There being no further business the meeting was adjourned.

Respectfully submitted,

*(Signature)*

Secretary.

Treasurers report.

Cash on hand May 8	-----	\$58.76
Receipts May 15	-----	2.00
Disbursements	-----	None

Cash on hand May 22	-----	\$60.76
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Respectfully submitted.

*(Signature)*

Treasurer.

## MINUTES OF REGULAR MEETING HELD MAY 22, 1930.

Meeting called to order by the Vice Pres. Mr. Wollaeger.  
 The roll was called by the Secretary.  
 The minutes of the previous meeting were read and approved.  
 Owing to the small number present reports of the committees  
 were dispensed with and the meeting adjourned.

Respectfully submitted,

*Oliver Sommer*  
 Secretary.

## Treasurers report.

Cash on hand May 22, 1930 -----	\$60.78
Receipts -----	1.75
No disbursements -----	***
Balance on hand May 29 -----	<u>\$62.51</u>

Respectfully submitted.

*Oliver Sommer*  
 Treasurer.

THE MILWAUKEE RADIO AMATEURS CLUB, INC.

MINUTES OF REGULAR MEETING HELD MAY 29, 1930.

Meeting was called to order by the Pres. Mr. Ward.

The roll was called by the Secretary.

The minutes of the previous meeting were read and approved.

On account of the small number present the reports of the various committees were dispensed with.

The time was taken up in drawing a comedy schematic diagram of a radio circuit in which each person present added his own little part. When completed the diagram looked like a cross between a transmitter, a receiver and some kind of a machine which is commonly used at present in the making of illicit liquor.

There being no further business and a lack of ambition on the part of those present to start any argument, the meeting was adjourned.

Respectfully submitted,

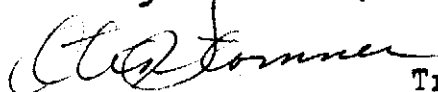


Secretary.

Treasurers report.

Cash on hand May 29, 1930 -----	\$62.51
Receipts -----	None
Disbursements to picnic comm. ----	20.00
Balance on hand June 5 -----	\$42.51

Respectfully submitted,



Treasurer.

THE MILWAUKEE RADIO AMATEURS CLUB, INC.

MINUTES OF REGULAR MEETING HELD JUNE 5, 1930.

Meeting called to order by Vice Pres. Louis Wolleager.

Mr. Seibel had no report on business.

Mr. Kurth had no report on membership.

Mr. Crapo read some announcements regarding the election of the Sectional Communications Manager, which resulted in the election of Mr. Crapo. He also read some announcements regarding the Dayton Radio Association convention which was to be held Aug. 30., The Aurora Club convention being on June 21 and 22. He also announced that a 20 meter contest was to be held each week end during the month of June.

Mr. Barnes announced that Mr. Wareing who had been confined to the hospital had recovered and was released from said institution on June 5th.

Mr. Tocholski read a few original limericks.

There being no further business the meeting was adjourned.

Respectfully submitted.



Secretary.

Treasurers report.

Cash on hand June 5th. -----	\$42.51.
Receipts -----	None
Disbursements -----	2.00
Balance on hand June 12 ----	<u>\$40.51</u>

Respectfully submitted.



Treasurer.



THE MILWAUKEE RADIO AMATEURS CLUB INC.

MINUTES OF REGULAR MEETING HELD JUNE 12, 1930.

Owing to the absence of the secretary minutes were taken by Mr. Siebel.

The meeting was called to order by the president Mr. Ward.

The minutes of previous meeting were not read owing to absence of the secretary.

There was no roll call for the same reason.

Mr. Seibel had no report on business.

Mr. Reiss reported on the difficulty he had with his power supply and his method of rectifying without any cost.

Mr. Wolleager gave a report on a new type monitor.

There were no other reports.

The club reciever which was given as an attendance prize for this meeting was won by Mrs. Resalia Reed with number 13007.

There being no further business the meeting was adjourned for the summer months to be resumed the second Thursday in September.

Respectfully submitted

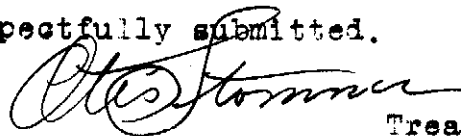
Don Seibel.

Acting secretary.

Treasurers report.

Cash on hand June 12	-----	\$40. 51
Receipts	-----	None
Disbursements	-----	1.50
Balance on hand	-----	<u>\$39.01.</u>

Respectfully submitted.



Treasurer.

END